agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 20:48:46 ON 19 APR 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 20:49:31 ON 19 APR 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 APR 2006 HIGHEST RN 881002-15-9
DICTIONARY FILE UPDATES: 18 APR 2006 HIGHEST RN 881002-15-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

****
* *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
* *
****

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\Documents and Settings\rkeys\My Documents\STNEXP4\TEMPLATE\STANDARD\10690527.str

10/690,527

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1204rxw

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

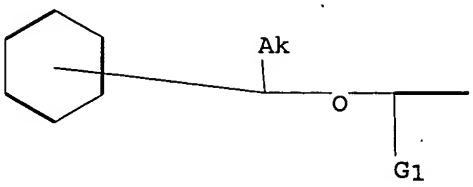
NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/ USPAT2
NEWS	4	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS	5	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS	6	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS	7	JAN 17	IPC 8 in the WPI family of databases including WPIFV
NEWS	8	JAN 30	Saved answer limit increased
NEWS	9	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS	10	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS	11	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS	12	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	13	FEB 28	MEDLINE/LMEDLINE reload improves functionality
NEWS	14	FEB 28	TOXCENTER reloaded with enhancements
NEWS	15	FEB 28	REGISTRY/ZREGISTRY enhanced with more experimental spectral property data
NEWS	16	MAR 01	INSPEC reloaded and enhanced
NEWS	17	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS	18	MAR 08	X.25 communication option no longer available after June 2006
NEWS	19	MAR 22	EMBASE is now updated on a daily basis
NEWS	20	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS	21	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS	22	APR 04	STN AnaVist $500 visualization usage credit offered
NEWS	23	APR 12	LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS	24	APR 12	Improved structure highlighting in FQHIT and QHIT display in MARPAT
NEWS	25	APR 12	Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected

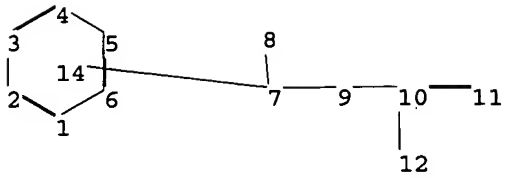
NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
http://download.cas.org/express/v8.0-Discover/

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer





chain nodes :
7 8 9 10 11 12
ring nodes :
1 2 3 4 5 6
chain bonds :
7-8 7-9 9-10 10-11 10-12
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
7-8 7-9 9-10 10-12
exact bonds :
10-11
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

G1:H,Ak

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 14:CLASS

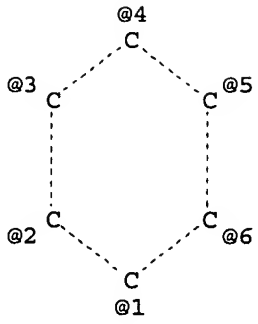
L1 STRUCTURE UPLOADED

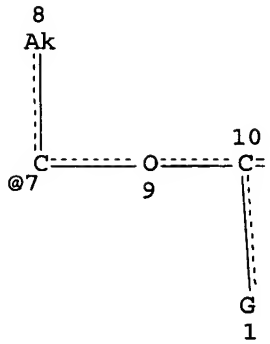
=> que L1

L2 QUE L1

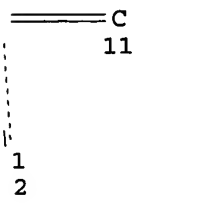
=> d
L2 HAS NO ANSWERS
L1 STR

H 13 Ak 14





Page 1-A



Page 1-B
VAR G1=13/14
VPA 7-1/2/3/4/5/6 S
NODE ATTRIBUTES:
NSPEC IS R AT 1
NSPEC IS R AT 2
NSPEC IS R AT 3
NSPEC IS R AT 4
NSPEC IS R AT 5
NSPEC IS R AT 6
NSPEC IS C AT 7
NSPEC IS C AT 8
NSPEC IS C AT 9
NSPEC IS C AT 10
NSPEC IS C AT 11
NSPEC IS C AT 12
DEFAULT MLEVEL IS ATOM
MLEVEL IS CLASS AT 7 8 9 10 11 13 14
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS 14

STEREO ATTRIBUTES: NONE
L2 QUE L1

=> s l2
SAMPLE SEARCH INITIATED 20:49:58 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 64846 TO ITERATE

3.1% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1281757 TO 1312083
PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L1

=> file stnguide
COST IN U.S. DOLLARS SINCE FILE ENTRY 0.88 TOTAL SESSION 1.09
FULL ESTIMATED COST

FILE 'STNGUIDE' ENTERED AT 20:50:50 ON 19 APR 2006

```
FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Apr 14, 2006 (20060414/UP).

=> file reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.18       1.27

FILE 'REGISTRY' ENTERED AT 20:52:48 ON 19 APR 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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STRUCTURE FILE UPDATES:   18 APR 2006  HIGHEST RN 881002-15-9
DICTIONARY FILE UPDATES:  18 APR 2006  HIGHEST RN 881002-15-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                    *
**********************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end


=> screen 1992 OR  2016 OR  2021 OR  2026 OR  1840

L4     SCREEN CREATED

=>
Uploading C:\Documents and Settings\rkeys\My
Documents\STNEXP4\TEMPLATE\STANDARD\10690527.str
```
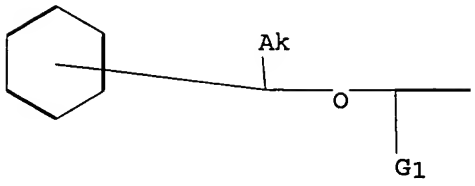
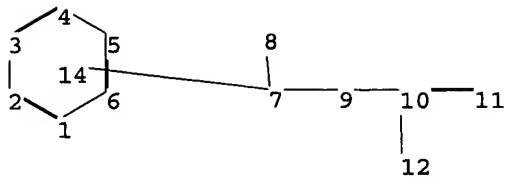





chain nodes :
7 8 9 10 11 12
ring nodes :
1 2 3 4 5 6
chain bonds :
7-8 7-9 9-10 10-11 10-12
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
7-8 7-9 9-10 10-12
exact bonds :
10-11
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

G1:H,Ak

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 14:CLASS

L5 STRUCTURE UPLOADED

=> que L5 NOT L4

L6 QUE L5 NOT L4

=> s l6
SAMPLE SEARCH INITIATED 20:53:19 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 9684 TO ITERATE

20.7% PROCESSED 2000 ITERATIONS 1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 187783 TO 199577
PROJECTED ANSWERS: 1 TO 228

L7 1 SEA SSS SAM L5 NOT L4

=> s l6 ful
FULL SEARCH INITIATED 20:53:30 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 196979 TO ITERATE

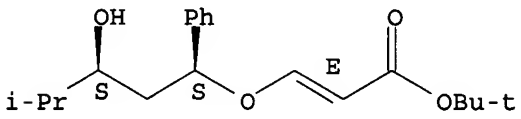
100.0% PROCESSED 196979 ITERATIONS 275 ANSWERS
SEARCH TIME: 00.00.04

L8 275 SEA SSS FUL L5 NOT L4

=> d scan

L8 275 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenoic acid, 3-[[(1R,3R)-3-hydroxy-4-methyl-1-phenylpentyl]oxy]-, 1,1-dimethylethyl ester, (2E)-rel- (9CI)
MF C19 H28 O4

Relative stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	168.70	169.97

FILE 'STNGUIDE' ENTERED AT 20:55:38 ON 19 APR 2006
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Apr 14, 2006 (20060414/UP).

=> ....Testing the current file.... screen

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Please change to a suitable file and repeat your upload

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.84	170.81

FILE 'REGISTRY' ENTERED AT 21:04:15 ON 19 APR 2006
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 APR 2006 HIGHEST RN 881002-15-9

10/690,527

DICTIONARY FILE UPDATES: 18 APR 2006 HIGHEST RN 881002-15-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

****
*
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* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
****

Structure search iteration limits have been increased. See HELP SLIMITS for details.

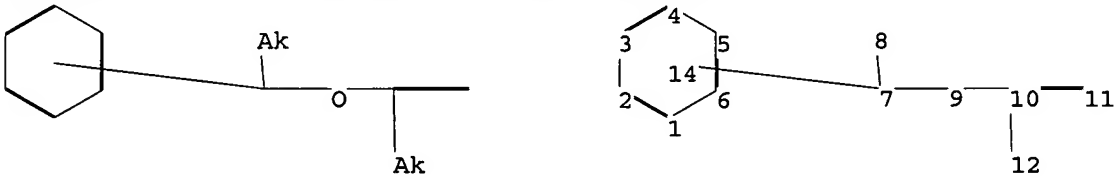
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\Documents and Settings\rkeys\My Documents\STNEXP4\TEMPLATE\STANDARD\10690527a.str



chain nodes :
7 8 9 10 11 12
ring nodes :
1 2 3 4 5 6
chain bonds :
7-8 7-9 9-10 10-11 10-12
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
7-8 7-9 9-10 10-12
exact bonds :
10-11
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

G1:H,Ak

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 14:CLASS

L9 STRUCTURE UPLOADED

=> que L9

L10 QUE L9

=> s l10 sub=l8 full
FULL SUBSET SEARCH INITIATED 21:05:43 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 275 TO ITERATE

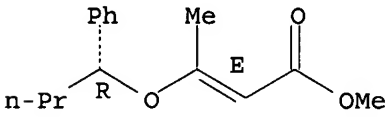
100.0% PROCESSED 275 ITERATIONS 30 ANSWERS
SEARCH TIME: 00.00.01

L11 30 SEA SUB=L8 SSS FUL L9

=> d scan

L11 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Butenoic acid, 3-(1-phenylbutoxy)-, methyl ester, [R-(E)]- (9CI)
MF C15 H20 O3

Absolute stereochemistry. Rotation (+).
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	41.16	211.97

FILE 'STNGUIDE' ENTERED AT 21:06:39 ON 19 APR 2006
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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Apr 14, 2006 (20060414/UP).

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.18	212.15

FILE 'REGISTRY' ENTERED AT 21:08:39 ON 19 APR 2006

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 APR 2006 HIGHEST RN 881002-15-9
DICTIONARY FILE UPDATES: 18 APR 2006 HIGHEST RN 881002-15-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
****

Structure search iteration limits have been increased. See HELP SLIMITS for details.

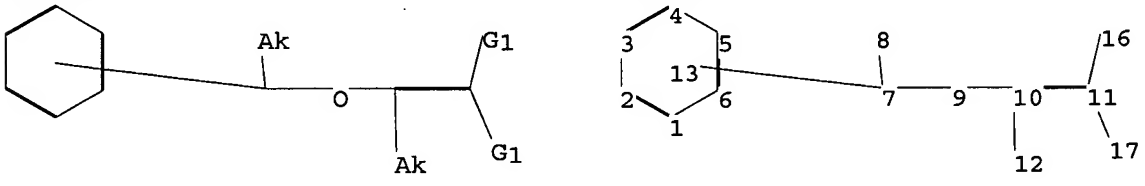
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\Documents and Settings\rkeys\My Documents\STNEXP4\TEMPLATE\STANDARD\10690527b.str

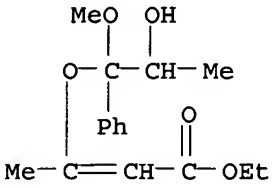


chain nodes :
7 8 9 10 11 12 16 17
ring nodes :
1 2 3 4 5 6
chain bonds :
7-8 7-9 9-10 10-11 10-12 11-16 11-17
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :

```
7-8  7-9  9-10  10-12  11-16  11-17
exact bonds :
10-11
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6
isolated ring systems :
containing 1 :


G1:Ak,H

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:CLASS  9:CLASS  10:CLASS
 11:CLASS  12:CLASS  13:CLASS  16:CLASS  17:CLASS



L12     STRUCTURE UPLOADED

=> que L12

L13  QUE L12

=> d his

     (FILE 'HOME' ENTERED AT 20:48:46 ON 19 APR 2006)

     FILE 'REGISTRY' ENTERED AT 20:49:31 ON 19 APR 2006
L1              STRUCTURE UPLOADED
L2              QUE L1
L3            0 S L2

     FILE 'STNGUIDE' ENTERED AT 20:50:50 ON 19 APR 2006

     FILE 'REGISTRY' ENTERED AT 20:52:48 ON 19 APR 2006
L4              SCREEN 1992 OR  2016 OR  2021 OR  2026 OR  1840
L5              STRUCTURE UPLOADED
L6              QUE L5 NOT L4
L7            1 S L6
L8          275 S L6 FUL

     FILE 'STNGUIDE' ENTERED AT 20:55:38 ON 19 APR 2006

     FILE 'REGISTRY' ENTERED AT 21:04:15 ON 19 APR 2006
L9              STRUCTURE UPLOADED
L10             QUE L9
L11          30 S L10 FULL SUB=L8

     FILE 'STNGUIDE' ENTERED AT 21:06:39 ON 19 APR 2006

     FILE 'REGISTRY' ENTERED AT 21:08:39 ON 19 APR 2006
L12             STRUCTURE UPLOADED
L13             QUE L12

=> s l13 sub=l11 full
FULL SUBSET SEARCH INITIATED 21:11:07 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -       30 TO ITERATE

100.0% PROCESSED       30 ITERATIONS                          30 ANSWERS
SEARCH TIME: 00.00.01

L14          30 SEA SUB=L11 SSS FUL L12
```

=> d scan

L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Crotonic acid, 3-[[α-(1-hydroxyethyl)-α-methoxybenzyl]oxy]-, ethyl ester (7CI)
MF C16 H22 O5

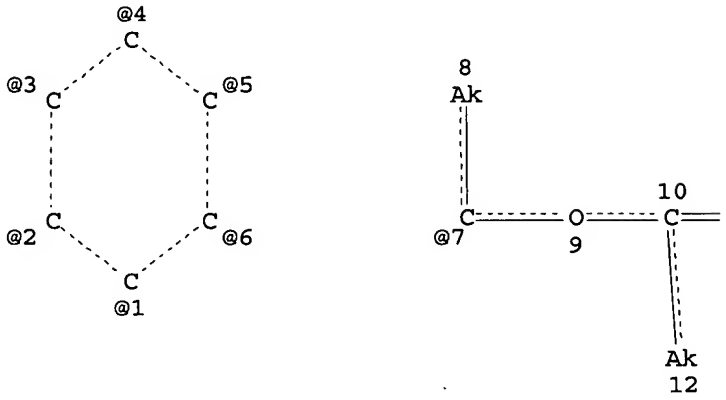


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

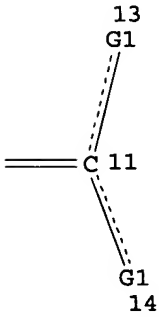
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d l13
L13 HAS NO ANSWERS
L12 STR

Ak 15H 16



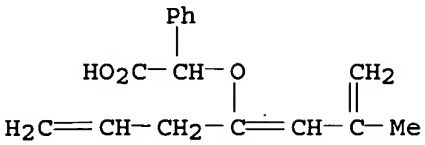
Page 1-A



Page 1-B
VAR G1=15/16
VPA 7-1/2/3/4/5/6 S

```
NODE ATTRIBUTES:
NSPEC    IS R       AT   1
NSPEC    IS R       AT   2
NSPEC    IS R       AT   3
NSPEC    IS R       AT   4
NSPEC    IS R       AT   5
NSPEC    IS R       AT   6
NSPEC    IS C       AT   7
NSPEC    IS C       AT   8
NSPEC    IS C       AT   9
NSPEC    IS C       AT  10
NSPEC    IS C       AT  11
NSPEC    IS C       AT  12
NSPEC    IS C       AT  13
NSPEC    IS C       AT  14
DEFAULT MLEVEL IS ATOM
MLEVEL  IS CLASS  AT   7  8  9 10 11 12 15 16
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS  16

STEREO ATTRIBUTES: NONE
L13             QUE  L12


=> d his

     (FILE 'HOME' ENTERED AT 20:48:46 ON 19 APR 2006)

     FILE 'REGISTRY' ENTERED AT 20:49:31 ON 19 APR 2006
L1               STRUCTURE UPLOADED
L2               QUE L1
L3             0 S L2

     FILE 'STNGUIDE' ENTERED AT 20:50:50 ON 19 APR 2006

     FILE 'REGISTRY' ENTERED AT 20:52:48 ON 19 APR 2006
L4               SCREEN 1992 OR  2016 OR  2021 OR  2026 OR  1840
L5               STRUCTURE UPLOADED
L6               QUE L5 NOT L4
L7             1 S L6
L8           275 S L6 FUL

     FILE 'STNGUIDE' ENTERED AT 20:55:38 ON 19 APR 2006

     FILE 'REGISTRY' ENTERED AT 21:04:15 ON 19 APR 2006
L9               STRUCTURE UPLOADED
L10              QUE L9
L11           30 S L10 FULL SUB=L8

     FILE 'STNGUIDE' ENTERED AT 21:06:39 ON 19 APR 2006

     FILE 'REGISTRY' ENTERED AT 21:08:39 ON 19 APR 2006
L12              STRUCTURE UPLOADED
L13              QUE L12
L14           30 S L13 FULL SUB=L11

=> d scan l14

L14  30 ANSWERS   REGISTRY  COPYRIGHT 2006 ACS on STN
IN   Benzeneacetic acid, α-[[3-methyl-1-(2-propenyl)-1,3-butadienyl]oxy]-
```

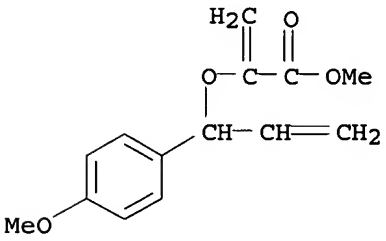
(9CI)
MF C16 H18 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):29

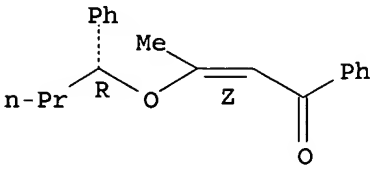
L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenoic acid, 2-[[1-(4-methoxyphenyl)-2-propenyl]oxy]-, methyl ester (9CI)
MF C14 H16 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

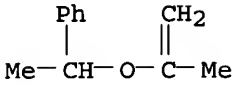
L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Buten-1-one, 1-phenyl-3-(1-phenylbutoxy)-, [R-(Z)]- (9CI)
MF C20 H22 O2

Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

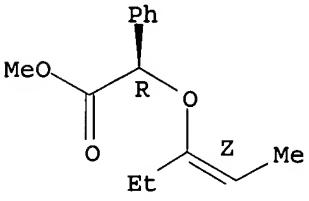
L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [1-[(1-methylethenyl)oxy]ethyl]- (9CI)
MF C11 H14 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzeneacetic acid, α-[[(1Z)-1-ethyl-1-propenyl]oxy]-, methyl ester, (αR)- (9CI)
MF C14 H18 O3

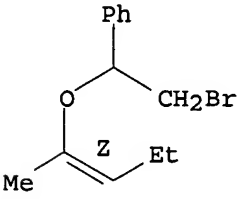
Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

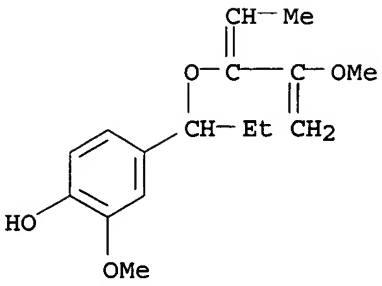
L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [2-bromo-1-[(1-methyl-1-butenyl)oxy]ethyl]-, (Z)- (9CI)
MF C13 H17 Br O

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

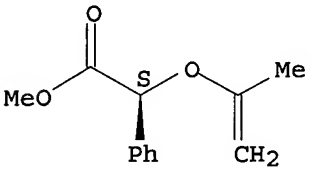
L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Phenol, 2-methoxy-4-[1-[[1-(1-methoxyethenyl)-1-propenyl]oxy]propyl]- (9CI)
MF C16 H22 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

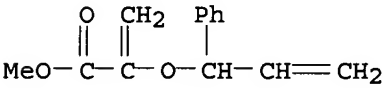
L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzeneacetic acid, α-[(1-methylethenyl)oxy]-, methyl ester, (S)- (9CI)
MF C12 H14 O3

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

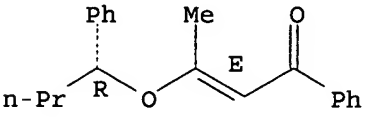
L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenoic acid, 2-[(1-phenyl-2-propenyl)oxy]-, methyl ester (9CI)
MF C13 H14 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

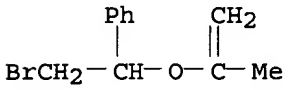
L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Buten-1-one, 1-phenyl-3-(1-phenylbutoxy)-, [R-(E)]- (9CI)
MF C20 H22 O2

Absolute stereochemistry. Rotation (+).
Double bond geometry as shown.



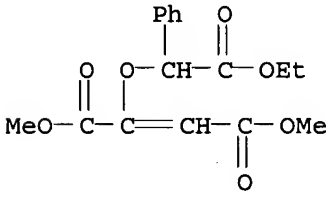
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [2-bromo-1-[(1-methylethenyl)oxy]ethyl]- (9CI)
MF C11 H13 Br O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

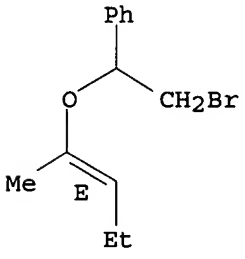
L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Butenedioic acid, 2-(2-ethoxy-2-oxo-1-phenylethoxy)-, dimethyl ester (9CI)
MF C16 H18 O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

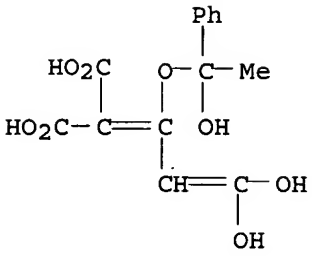
L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [2-bromo-1-[(1-methyl-1-butenyl)oxy]ethyl]-, (E)- (9CI)
MF C13 H17 Br O

Double bond geometry as shown.



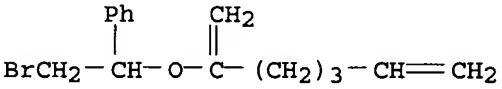
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Propanedioic acid, [3,3-dihydroxy-1-(1-hydroxy-1-phenylethoxy)-2-propenylidene]- (9CI)
MF C14 H14 O8
CI COM



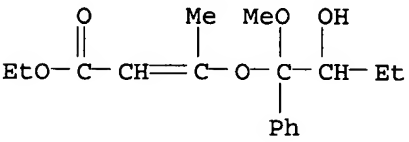
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [2-bromo-1-[(1-methylene-5-hexenyl)oxy]ethyl]- (9CI)
MF C15 H19 Br O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

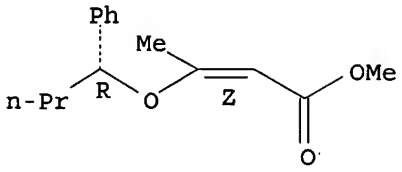
L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Crotonic acid, 3-[[α-(1-hydroxypropyl)-α-methoxybenzyl]oxy]-, ethyl ester (7CI)
MF C17 H24 O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

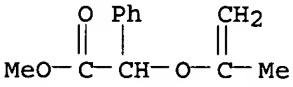
L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Butenoic acid, 3-(1-phenylbutoxy)-, methyl ester, [R-(Z)]- (9CI)
MF C15 H20 O3

Absolute stereochemistry. Rotation (-).
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

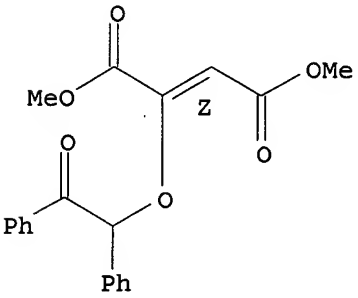
L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzeneacetic acid, α-[(1-methylethenyl)oxy]-, methyl ester (9CI)
MF C12 H14 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

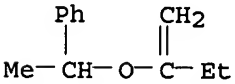
L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Butenedioic acid, 2-(2-oxo-1,2-diphenylethoxy)-, dimethyl ester, (2Z)-(9CI)
MF C20 H18 O6

Double bond geometry as shown.



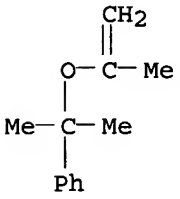
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [1-(1-methylenepropoxy)ethyl]- (9CI)
MF C12 H16 O



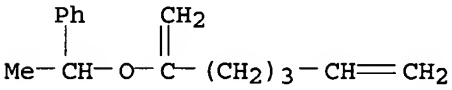
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [1-methyl-1-[(1-methylethenyl)oxy]ethyl]- (9CI)
MF C12 H16 O



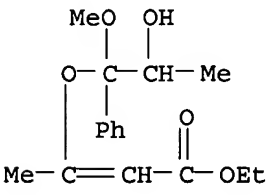
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [1-[(1-methylene-5-hexenyl)oxy]ethyl]- (9CI)
MF C15 H20 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

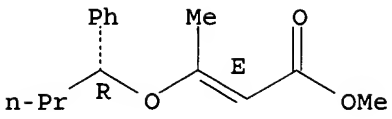
L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Crotonic acid, 3-[[α-(1-hydroxyethyl)-α-methoxybenzyl]oxy]-, ethyl ester (7CI)
MF C16 H22 O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

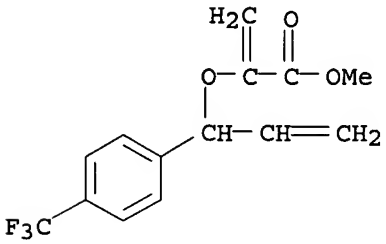
L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Butenoic acid, 3-(1-phenylbutoxy)-, methyl ester, [R-(E)]- (9CI)
MF C15 H20 O3

Absolute stereochemistry. Rotation (+).
Double bond geometry as shown.



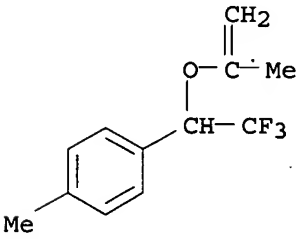
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenoic acid, 2-[[1-[4-(trifluoromethyl)phenyl]-2-propenyl]oxy]-, methyl ester (9CI)
MF C14 H13 F3 O3



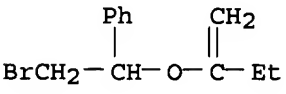
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, 1-methyl-4-[2,2,2-trifluoro-1-[(1-methylethenyl)oxy]ethyl]- (9CI)
MF C12 H13 F3 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

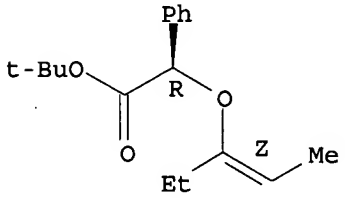
L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [2-bromo-1-(1-methylenepropoxy)ethyl]- (9CI)
MF C12 H15 Br O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

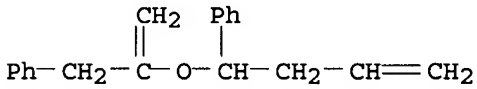
L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzeneacetic acid, α-[[(1Z)-1-ethyl-1-propenyl]oxy]-, 1,1-dimethylethyl ester, (αR)- (9CI)
MF C17 H24 O3

Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

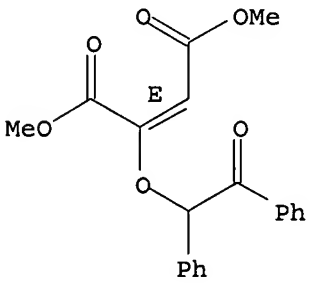
L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [2-[(1-phenyl-3-butenyl)oxy]-2-propenyl]- (9CI)
MF C19 H20 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 30 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Butenedioic acid, 2-(2-oxo-1,2-diphenylethoxy)-, dimethyl ester, (E)- (9CI)
MF C20 H18 O6

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

```
=> file stnguide
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                        42.92     255.07

FILE 'STNGUIDE' ENTERED AT 21:13:26 ON 19 APR 2006
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Apr 14, 2006 (20060414/UP).

=> d his

     (FILE 'HOME' ENTERED AT 20:48:46 ON 19 APR 2006)

     FILE 'REGISTRY' ENTERED AT 20:49:31 ON 19 APR 2006
L1              STRUCTURE UPLOADED
L2              QUE L1
L3            0 S L2

     FILE 'STNGUIDE' ENTERED AT 20:50:50 ON 19 APR 2006

     FILE 'REGISTRY' ENTERED AT 20:52:48 ON 19 APR 2006
L4              SCREEN 1992 OR  2016 OR  2021 OR  2026 OR  1840
L5              STRUCTURE UPLOADED
L6              QUE L5 NOT L4
L7            1 S L6
L8          275 S L6 FUL

     FILE 'STNGUIDE' ENTERED AT 20:55:38 ON 19 APR 2006

     FILE 'REGISTRY' ENTERED AT 21:04:15 ON 19 APR 2006
L9              STRUCTURE UPLOADED
L10             QUE L9
L11          30 S L10 FULL SUB=L8

     FILE 'STNGUIDE' ENTERED AT 21:06:39 ON 19 APR 2006

     FILE 'REGISTRY' ENTERED AT 21:08:39 ON 19 APR 2006
L12             STRUCTURE UPLOADED
L13             QUE L12
L14          30 S L13 FULL SUB=L11

     FILE 'STNGUIDE' ENTERED AT 21:13:26 ON 19 APR 2006

=> s l14 and (c11h14o or c13h17bro or c11h13bro or c12h16o or c12h13f3o or
c12h15bro)
COMBINATION OF STRUCTURE AND TEXT TERMS NOT VALID
The query entered contains both search terms created by
structure-building or screen commands and text search terms.  L#s
created via the STRUCTURE or SCREEN commands must be searched in the
structures files separately from text terms or profiles.  The L#
answer sets from structure searches can be used in crossover searches
and can be combined with text terms.

=> file caplus
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
```

FULL ESTIMATED COST 1.56 256.63

FILE 'CAPLUS' ENTERED AT 21:28:55 ON 19 APR 2006
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FILE COVERS 1907 - 19 Apr 2006 VOL 144 ISS 17
FILE LAST UPDATED: 18 Apr 2006 (20060418/ED)

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=> s l14 and (c11h14o or c13h17bro or c11h13bro or c12h16o or c12h13f3o or
c12h15bro)
            15 L14
            21 C11H14O
             1 C13H17BRO
             1 C11H13BRO
            21 C12H16O
             1 C12H13F3O
             0 C12H15BRO
L15          0 L14 AND (C11H14O OR C13H17BRO OR C11H13BRO OR C12H16O OR C12H13F
               3O OR C12H15BRO)

=> d his

     (FILE 'HOME' ENTERED AT 20:48:46 ON 19 APR 2006)

     FILE 'REGISTRY' ENTERED AT 20:49:31 ON 19 APR 2006
L1              STRUCTURE UPLOADED
L2              QUE L1
L3            0 S L2

     FILE 'STNGUIDE' ENTERED AT 20:50:50 ON 19 APR 2006

     FILE 'REGISTRY' ENTERED AT 20:52:48 ON 19 APR 2006
L4              SCREEN 1992 OR  2016 OR  2021 OR  2026 OR  1840
L5              STRUCTURE UPLOADED
L6              QUE L5 NOT L4
L7            1 S L6
L8          275 S L6 FUL

     FILE 'STNGUIDE' ENTERED AT 20:55:38 ON 19 APR 2006

     FILE 'REGISTRY' ENTERED AT 21:04:15 ON 19 APR 2006
L9              STRUCTURE UPLOADED
L10             QUE L9
L11          30 S L10 FULL SUB=L8
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     FILE 'STNGUIDE' ENTERED AT 21:06:39 ON 19 APR 2006

     FILE 'REGISTRY' ENTERED AT 21:08:39 ON 19 APR 2006
L12             STRUCTURE UPLOADED
L13             QUE L12
L14          30 S L13 FULL SUB=L11

     FILE 'STNGUIDE' ENTERED AT 21:13:26 ON 19 APR 2006

     FILE 'CAPLUS' ENTERED AT 21:28:55 ON 19 APR 2006
L15           0 S L14 AND (C11H14O OR C13H17BRO OR C11H13BRO OR C12H16O OR C12H

=> s l14
L16         15 L14

=> dup rem l16
PROCESSING COMPLETED FOR L16
L17          15 DUP REM L16 (0 DUPLICATES REMOVED)

=> d scan

L17   15 ANSWERS   CAPLUS  COPYRIGHT 2006 ACS on STN
CC    25-27 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)
TI    Photochemical Wittig reaction of quasi-phosphonium ylides
ST    photochem Wittig methoxycarbonylbenzylidene phosphonium ylide;
      phenanthrene formation photochem Wittig; allene formation photochem Wittig
      cyclohexanone
IT    Carbonyl compounds, reactions
      RL: RCT (Reactant); RACT (Reactant or reagent)
         (photochem. Wittig reaction of, with quasi-phosphonium ylides)
IT    Wittig reaction
         (photochem., of (methoxycarbonyl)benzylidene phosphonium ylide with
         carbonyl compds.)
IT    Alkenes, preparation
      RL: SPN (Synthetic preparation); PREP (Preparation)
         (preparation of, from Wittig reaction of (methoxycarbonyl)benzylidene
         quasi-phosphonium ylide with carbonyl compds.)
IT    Ylides
      RL: RCT (Reactant); RACT (Reactant or reagent)
         (quasi-phosphonium, photochem. Wittig reaction of, with carbonyl
         compds.)
IT    67-64-1, 2-Propanone, reactions   98-86-2, reactions   100-06-1
      100-52-7, Benzaldehyde, reactions   105-07-7   108-94-1, Cyclohexanone,
      reactions   122-00-9   123-11-5, reactions   583-60-8   589-92-4
      591-24-2   1122-91-4   1443-80-7
      RL: RCT (Reactant); RACT (Reactant or reagent)
         (photochem. Wittig reaction of, with (methoxycarbonyl)benzylidene
         phosphonium ylide)
IT    139616-15-2
      RL: RCT (Reactant); RACT (Reactant or reagent)
         (photochem. Wittig reaction of, with carbonyl compds.)
IT    33131-36-1P   36854-27-0P   36854-29-2P   41366-87-4P   42443-24-3P
      42443-37-8P   42443-38-9P   55042-80-3P   74457-44-6P   76527-29-2P
      101451-63-2P   139616-16-3P   139616-17-4P   139616-18-5P   139616-19-6P
      139616-20-9P   139616-21-0P   139616-22-1P   139616-23-2P   139616-24-3P
      139616-25-4P   139616-26-5P 139616-27-6P   139616-28-7P
      139616-29-8P   139616-30-1P   139616-31-2P   139616-32-3P
      RL: SPN (Synthetic preparation); PREP (Preparation)
         (preparation of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d 1-15 ti
```

L17 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
TI Aromatic vinyl ether polymerizable compounds

L17 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
TI Remarkable stereocontrol in the synthesis of 1,2,3,5-tetrasubstituted tetrahydropyrans via an asymmetric heterocycloaddition of a ketone-derived enol ether

L17 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
TI Intramolecular Wittig reactions with esters utilizing triphenylphosphine and dimethyl acetylenedicarboxylate

L17 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
TI A laser flash photolysis study of p-tolyl(trifluoromethyl)carbene

L17 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
TI Synthesis of 2-Acylvinyl Ethers by Reaction of Chromium (Fischer) Carbene Complexes and Stabilized Sulfur Ylides

L17 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
TI Grignard additions to α,β-unsaturated dioxolanones: preparation of chiral allylic alcohols and protected α-hydroxy aldehydes

L17 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
TI Efficient mercury-free preparation of vinyl and isopropenyl ethers of chiral secondary alcohols and α-hydroxy esters

L17 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
TI Mechanism of the rearrangement of 2-(vinyloxy)alkyl to 4-ketobutyl radicals

L17 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
TI The Synthesis of Cyclic Enol Ethers via Molybdenum Alkylidene-Catalyzed Ring-Closing Metathesis

L17 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
TI A new carbon-carbon bond-forming free radical rearrangement

L17 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
TI Photochemical Wittig reaction of quasi-phosphonium ylides

L17 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
TI The mechanism of rearrangement of chorismic acid and related compounds

L17 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
TI Reactions of dimethyl acetylenedicarboxylate: part XI - reaction with 5-chloro-, 3,5-dichloro- and 3,5-dibromosalicylaldehydes and benzoin

L17 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
TI Cyclic acetals of hydroxycarbonyl compounds. XII. Interaction of the methyl lactolides of methylbenzoylcarbinol andethylbenzoylcarbinol with sodioacetoacetic ester

L17 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
TI Reaction of methyl lactolides of methylbenzoylcarbinol and ethylbenzoylcarbinol with sodium acetoacetic ester

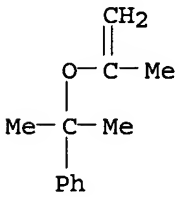
=> d 1, 4-10 bib fhitstr

L17 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:348008 CAPLUS

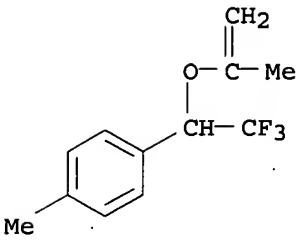
DN 140:358196
TI Aromatic vinyl ether polymerizable compounds
IN Iwahama, Takahiro; Nakano, Tatsuya
PA Daicel Chemical Industries, Ltd., Japan
SO Eur. Pat. Appl., 15 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1413568	A2	20040428	EP 2003-24369	20031024
	EP 1413568	A3	20041117		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	JP 2004161742	A2	20040610	JP 2003-280504	20030725
	US 2004181098	A1	20040916	US 2003-690527	20031023
PRAI	JP 2002-311613	A	20021025		
	JP 2003-280504	A	20030725		

OS MARPAT 140:358196
IT **681423-96-1P**
RL: IMF (Industrial manufacture); PREP (Preparation)
(manufacture of aromatic vinyl ether compds.)
RN 681423-96-1 CAPLUS
CN Benzene, [1-methyl-1-[(1-methylethenyl)oxy]ethyl]- (9CI) (CA INDEX NAME)



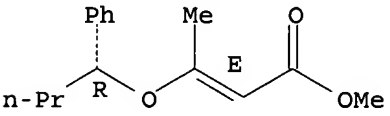
L17 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1998:242591 CAPLUS
DN 129:40837
TI A laser flash photolysis study of p-tolyl(trifluoromethyl)carbene
AU Admasu, Atnaf; Gudmundsdottir, Anna D.; Platz, Matthew S.; Watt, David S.; Kwiatkowski, Stephan; Crocker, Peter J.
CS Department of Chemistry, The Ohio State University, Columbus, OH, 43210, USA
SO Journal of the Chemical Society, Perkin Transactions 2: Physical Organic Chemistry (1998), (5), 1093-1100
CODEN: JCPKBH; ISSN: 0300-9580
PB Royal Society of Chemistry
DT Journal
LA English
IT **208184-29-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(laser flash photolysis study of p-tolyl(trifluoromethyl)carbene)
RN 208184-29-6 CAPLUS
CN Benzene, 1-methyl-4-[2,2,2-trifluoro-1-[(1-methylethenyl)oxy]ethyl]- (9CI) (CA INDEX NAME)



RE.CNT 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

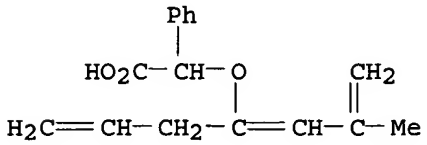
L17 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1996:580222 CAPLUS
DN 125:300171
TI Synthesis of 2-Acylvinyl Ethers by Reaction of Chromium (Fischer) Carbene Complexes and Stabilized Sulfur Ylides
AU Alcaide, Benito; Casarrubios, Luis; Dominguez, Gema; Sierra, Miguel A.
CS Facultad de Quimica, Universidad Complutense, Madrid, 28040, Spain
SO Organometallics (1996), 15(21), 4612-4617
CODEN: ORGND7; ISSN: 0276-7333
PB American Chemical Society
DT Journal
LA English
OS CASREACT 125:300171
IT **182617-92-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 182617-92-1 CAPLUS
CN 2-Butenoic acid, 3-(1-phenylbutoxy)-, methyl ester, [R-(E)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).
Double bond geometry as shown.



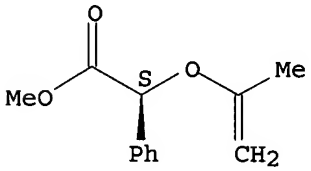
L17 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1996:151881 CAPLUS
DN 124:289309
TI Grignard additions to α,β-unsaturated dioxolanones: preparation of chiral allylic alcohols and protected α-hydroxy aldehydes
AU Heckmann, B.; Mioskowski, C.; Bhatt, Rama K.; Falck, J. R.
CS Faculte Pharmacie, Univ. Louis Pasteur, Illkirch, F-67401, Fr.
SO Tetrahedron Letters (1996), 37(9), 1421-4
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier
DT Journal
LA English
OS CASREACT 124:289309
IT **175695-37-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(regioselective, stereoselective addition of Grignard reagents to a mandelate-derived dioxolane)
RN 175695-37-1 CAPLUS

CN Benzeneacetic acid, α-[[3-methyl-1-(2-propenyl)-1,3-butadienyl]oxy]- (9CI) (CA INDEX NAME)



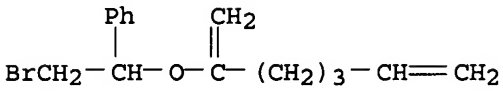
L17 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1995:439893 CAPLUS
DN 123:227343
TI Efficient mercury-free preparation of vinyl and isopropenyl ethers of chiral secondary alcohols and α-hydroxy esters
AU Dujardin, Gilles; Rossignol, Sandrine; Brown, Eric
CS Laboratoire de Synthese Organique, Faculte des Sciences, Le Mans, F-72017, Fr.
SO Tetrahedron Letters (1995), 36(10), 1653-6
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier
DT Journal
LA English
OS CASREACT 123:227343
IT **167702-81-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of vinyl and isopropenyl ethers of chiral secondary alcs. and hydroxy esters)
RN 167702-81-0 CAPLUS
CN Benzeneacetic acid, α-[(1-methylethenyl)oxy]-, methyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

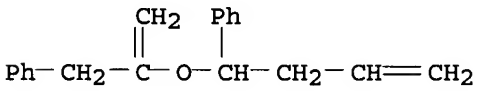


L17 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1995:195893 CAPLUS
DN 122:55439
TI Mechanism of the rearrangement of 2-(vinyloxy)alkyl to 4-ketobutyl radicals
AU Crich, David; Yao, Qingwei
CS Department Chemistry, University Illinois, Chicago, IL, 60607-7061, USA
SO Tetrahedron (1994), 50(43), 12305-12
CODEN: TETRAB; ISSN: 0040-4020
PB Elsevier
DT Journal
LA English
IT **159764-47-3P**
RL: PEP (Physical, engineering or chemical process); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); PROC (Process); RACT (Reactant or reagent)
(formation and fragmentation of tetrahydrofuranyl radicals)
RN 159764-47-3 CAPLUS

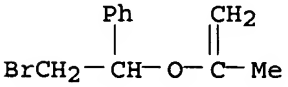
CN Benzene, [2-bromo-1-[(1-methylene-5-hexenyl)oxy]ethyl]- (9CI) (CA INDEX NAME)



L17 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1994:655549 CAPLUS
DN 121:255549
TI The Synthesis of Cyclic Enol Ethers via Molybdenum Alkylidene-Catalyzed Ring-Closing Metathesis
AU Fujimura, Osamu; Fu, Gregory C.; Grubbs, Robert H.
CS Arnold and Mabel Beckman Laboratory for Chemical Synthesis, California Institute of Technology, Pasadena, CA, 91125, USA
SO Journal of Organic Chemistry (1994), 59(15), 4029-31
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English
OS CASREACT 121:255549
IT **158744-56-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and molybdenum alkylidene catalyzed ring closure of)
RN 158744-56-0 CAPLUS
CN Benzene, [2-[(1-phenyl-3-butenyl)oxy]-2-propenyl]- (9CI) (CA INDEX NAME)



L17 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1994:217118 CAPLUS
DN 120:217118
TI A new carbon-carbon bond-forming free radical rearrangement
AU Crich, David; Yao, Qingwei
CS Dep. Chem., Univ. Illinois, Chicago, IL, 60607-7061, USA
SO Journal of the Chemical Society, Chemical Communications (1993), (16), 1265-7
CODEN: JCCCAT; ISSN: 0022-4936
DT Journal
LA English
OS CASREACT 120:217118
IT **153389-08-3P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and radical rearrangement of)
RN 153389-08-3 CAPLUS
CN Benzene, [2-bromo-1-[(1-methylethenyl)oxy]ethyl]- (9CI) (CA INDEX NAME)



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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    49.33     305.96

FILE 'STNGUIDE' ENTERED AT 21:34:47 ON 19 APR 2006
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Apr 14, 2006 (20060414/UP).

=> d his

     (FILE 'HOME' ENTERED AT 20:48:46 ON 19 APR 2006)

     FILE 'REGISTRY' ENTERED AT 20:49:31 ON 19 APR 2006
L1             STRUCTURE UPLOADED
L2             QUE L1
L3           0 S L2

     FILE 'STNGUIDE' ENTERED AT 20:50:50 ON 19 APR 2006

     FILE 'REGISTRY' ENTERED AT 20:52:48 ON 19 APR 2006
L4             SCREEN 1992 OR  2016 OR  2021 OR  2026 OR  1840
L5             STRUCTURE UPLOADED
L6             QUE L5 NOT L4
L7           1 S L6
L8         275 S L6 FUL

     FILE 'STNGUIDE' ENTERED AT 20:55:38 ON 19 APR 2006

     FILE 'REGISTRY' ENTERED AT 21:04:15 ON 19 APR 2006
L9             STRUCTURE UPLOADED
L10            QUE L9
L11         30 S L10 FULL SUB=L8

     FILE 'STNGUIDE' ENTERED AT 21:06:39 ON 19 APR 2006

     FILE 'REGISTRY' ENTERED AT 21:08:39 ON 19 APR 2006
L12            STRUCTURE UPLOADED
L13            QUE L12
L14         30 S L13 FULL SUB=L11

     FILE 'STNGUIDE' ENTERED AT 21:13:26 ON 19 APR 2006

     FILE 'CAPLUS' ENTERED AT 21:28:55 ON 19 APR 2006
L15          0 S L14 AND (C11H14O OR C13H17BRO OR C11H13BRO OR C12H16O OR C12H
L16         15 S L14
L17         15 DUP REM L16 (0 DUPLICATES REMOVED)

     FILE 'STNGUIDE' ENTERED AT 21:34:47 ON 19 APR 2006

=> d l17 2,3,11-15 bib fhitstr
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y



L17  ANSWER 2 OF 15  CAPLUS  COPYRIGHT 2006 ACS on STN
AN   2003:128684  CAPLUS
DN   139:36412
TI   Remarkable stereocontrol in the synthesis of 1,2,3,5-tetrasubstituted
```
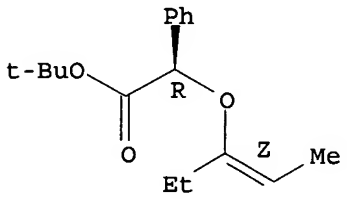
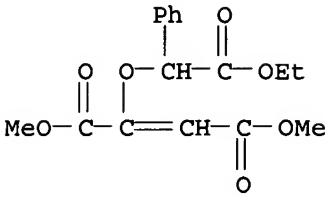

tetrahydropyrans via an asymmetric heterocycloaddition of a ketone-derived enol ether
AU Gong, Junfang; Bonfand, Eric; Brown, Eric; Dujardin, Gilles; Michelet, Veronique; Genet, Jean-Pierre
CS UMR 7573, Laboratoire de Synthese Selective Organique et Produits Naturels, E.N.S.C.P., Paris, F-75231, Fr.
SO Tetrahedron Letters (2003), 44(10), 2141-2144
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 139:36412
IT **543741-94-2P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(stereoselective preparation of (Z)-O-pentenylmandelates via Takai reaction of O-propanoylmandelate with dibromoethane in the preparation of tetrasubstituted tetrahydropyrans)
RN 543741-94-2 CAPLUS
CN Benzeneacetic acid, α-[[(1Z)-1-ethyl-1-propenyl]oxy]-, 1,1-dimethylethyl ester, (αR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



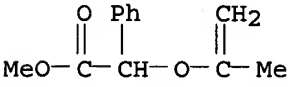
RE.CNT 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2001:925532 CAPLUS
DN 136:369565
TI Intramolecular Wittig reactions with esters utilizing triphenylphosphine and dimethyl acetylenedicarboxylate
AU Evans, Lyndsay A.; Griffiths, Kimberley E.; Guthmann, Holger; Murphy, Patrick J.
CS Department of Chemistry, University of Wales, Gwynedd, Bangor, LL57 2UW, UK
SO Tetrahedron Letters (2002), 43(2), 299-301
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 136:369565
IT **425430-52-0P**
RL: BYP (Byproduct); PREP (Preparation)
(intramol. Wittig reactions with esters utilizing triphenylphosphine and di-Me acetylenedicarboxylate)
RN 425430-52-0 CAPLUS
CN 2-Butenedioic acid, 2-(2-ethoxy-2-oxo-1-phenylethoxy)-, dimethyl ester (9CI) (CA INDEX NAME)

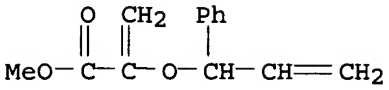


RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1992:151285 CAPLUS
DN 116:151285
TI Photochemical Wittig reaction of quasi-phosphonium ylides
AU Tomioka, Hideo; Ichikawa, Naoki; Murata, Hideki
CS Fac. Eng., Mie Univ., Tsu, 514, Japan
SO Journal of the Chemical Society, Chemical Communications (1992), (2), 193-5
CODEN: JCCCAT; ISSN: 0022-4936
DT Journal
LA English
OS CASREACT 116:151285
IT **139616-27-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 139616-27-6 CAPLUS
CN Benzeneacetic acid, α-[(1-methylethenyl)oxy]-, methyl ester (9CI) (CA INDEX NAME)

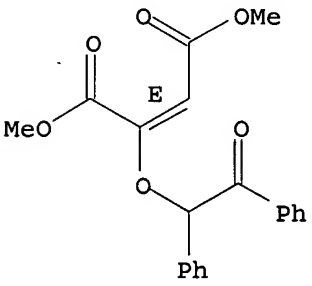


L17 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1987:119039 CAPLUS
DN 106:119039
TI The mechanism of rearrangement of chorismic acid and related compounds
AU Gajewski, Joseph J.; Jurayj, Jurjus; Kimbrough, Doris R.; Gande, Matthew E.; Ganem, Bruce; Carpenter, Barry K.
CS Dep. Chem., Indiana Univ., Bloomington, IN, 47405, USA
SO Journal of the American Chemical Society (1987), 109(4), 1170-86
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA English
OS CASREACT 106:119039
IT **106093-17-8P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and Claisen rearrangement of, kinetics of)
RN 106093-17-8 CAPLUS
CN 2-Propenoic acid, 2-[(1-phenyl-2-propenyl)oxy]-, methyl ester (9CI) (CA INDEX NAME)

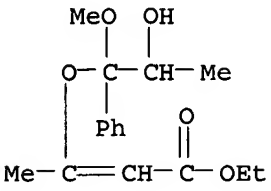


L17 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1977:601248 CAPLUS
DN 87:201248
TI Reactions of dimethyl acetylenedicarboxylate: part XI - reaction with 5-chloro-, 3,5-dichloro- and 3,5-dibromosalicylaldehydes and benzoin
AU Gupta, R. K.; George, M. V.
CS Dep. Chem., Indian Inst. Technol., Kanpur, India
SO Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1977), 15B(3), 223-9
CODEN: IJSBDB; ISSN: 0376-4699
DT Journal
LA English
OS CASREACT 87:201248
IT **64657-52-9P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 64657-52-9 CAPLUS
CN 2-Butenedioic acid, 2-(2-oxo-1,2-diphenylethoxy)-, dimethyl ester, (E)- (9CI) (CA INDEX NAME)

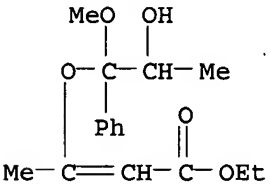
Double bond geometry as shown.



L17 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1963:454513 CAPLUS
DN 59:54513
OREF 59:9864h,9865a-c
TI Cyclic acetals of hydroxycarbonyl compounds. XII. Interaction of the methyl lactolides of methylbenzoylcarbinol andethylbenzoylcarbinol with sodioacetoacetic ester
AU Temnikova, T. I.; Ershov, B. A.
CS State Univ., Leningrad
SO Zhurnal Obshchei Khimii (1963), 33(6), 1738-43
CODEN: ZOKHA4; ISSN: 0044-460X
DT Journal
LA Unavailable
IT **94430-93-0**, Crotonic acid, 3-[[α-(1-hydroxyethyl)-α-methoxybenzyl]oxy]-, ethyl ester
(preparation of)
RN 94430-93-0 CAPLUS
CN Crotonic acid, 3-[[α-(1-hydroxyethyl)-α-methoxybenzyl]oxy]-, ethyl ester (7CI) (CA INDEX NAME)



L17 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1962:475613 CAPLUS
DN 57:75613
OREF 57:14981c-e
TI Reaction of methyl lactolides of methylbenzoylcarbinol and ethylbenzoylcarbinol with sodium acetoacetic ester
AU Temnikova, T. I.; Ershov, B. A.
CS State Univ., Leningrad
SO Zhurnal Obshchei Khimii (1962), 32, 661-2
CODEN: ZOKHA4; ISSN: 0044-460X
DT Journal
LA Unavailable
OS CASREACT 57:75613
IT **94430-93-0**, Crotonic acid, 3-[[α-(1-hydroxyethyl)-α-methoxybenzyl]oxy]-, ethyl ester
(preparation of)
RN 94430-93-0 CAPLUS
CN Crotonic acid, 3-[[α-(1-hydroxyethyl)-α-methoxybenzyl]oxy]-, ethyl ester (7CI) (CA INDEX NAME)



=> file stnguide
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.12	331.47

FILE 'STNGUIDE' ENTERED AT 21:39:12 ON 19 APR 2006
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Apr 14, 2006 (20060414/UP).

=> d his

(FILE 'HOME' ENTERED AT 20:48:46 ON 19 APR 2006)

FILE 'REGISTRY' ENTERED AT 20:49:31 ON 19 APR 2006
L1 STRUCTURE UPLOADED
L2 QUE L1
L3 0 S L2

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     FILE 'STNGUIDE' ENTERED AT 20:50:50 ON 19 APR 2006

     FILE 'REGISTRY' ENTERED AT 20:52:48 ON 19 APR 2006
L4              SCREEN 1992 OR  2016 OR  2021 OR  2026 OR  1840
L5              STRUCTURE UPLOADED
L6              QUE L5 NOT L4
L7            1 S L6
L8          275 S L6 FUL

     FILE 'STNGUIDE' ENTERED AT 20:55:38 ON 19 APR 2006

     FILE 'REGISTRY' ENTERED AT 21:04:15 ON 19 APR 2006
L9              STRUCTURE UPLOADED
L10             QUE L9
L11          30 S L10 FULL SUB=L8

     FILE 'STNGUIDE' ENTERED AT 21:06:39 ON 19 APR 2006

     FILE 'REGISTRY' ENTERED AT 21:08:39 ON 19 APR 2006
L12             STRUCTURE UPLOADED
L13             QUE L12
L14          30 S L13 FULL SUB=L11

     FILE 'STNGUIDE' ENTERED AT 21:13:26 ON 19 APR 2006

     FILE 'CAPLUS' ENTERED AT 21:28:55 ON 19 APR 2006
L15           0 S L14 AND (C11H14O OR C13H17BRO OR C11H13BRO OR C12H16O OR C12H
L16          15 S L14
L17          15 DUP REM L16 (0 DUPLICATES REMOVED)

     FILE 'STNGUIDE' ENTERED AT 21:34:47 ON 19 APR 2006

     FILE 'CAPLUS' ENTERED AT 21:38:15 ON 19 APR 2006

     FILE 'STNGUIDE' ENTERED AT 21:38:17 ON 19 APR 2006

     FILE 'STNGUIDE' ENTERED AT 21:39:12 ON 19 APR 2006

=> file reg
COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                 0.66     332.13

FILE 'REGISTRY' ENTERED AT 21:45:52 ON 19 APR 2006
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   18 APR 2006  HIGHEST RN 881002-15-9
DICTIONARY FILE UPDATES:  18 APR 2006  HIGHEST RN 881002-15-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

*********************************************************************
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*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                    *
**********************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end


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Uploading C:\Documents and Settings\rkeys\My
Documents\STNEXP4\TEMPLATE\STANDARD\10690527c.str
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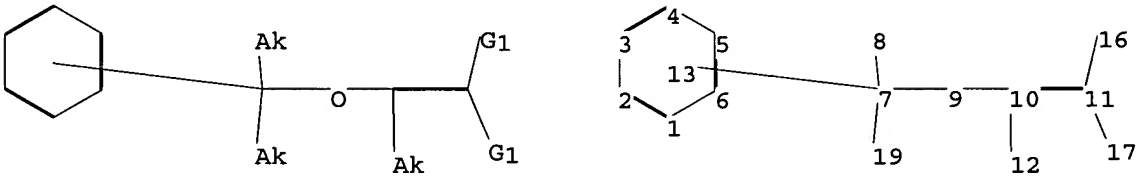


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chain nodes :
7  8  9  10  11  12  16  17  19
ring nodes :
1  2  3  4  5  6
chain bonds :
7-8  7-9  7-19  9-10  10-11  10-12  11-16  11-17
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6
exact/norm bonds :
7-8  7-9  7-19  9-10  10-12  11-16  11-17
exact bonds :
10-11
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6
isolated ring systems :
containing 1 :


G1:Ak,H

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:CLASS  9:CLASS  10:CLASS
 11:CLASS  12:CLASS  13:CLASS  16:CLASS  17:CLASS  19:CLASS



L18     STRUCTURE UPLOADED
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=> que L18

L19 QUE L18

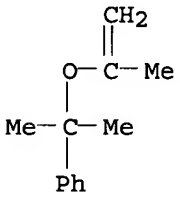
=> s l19 sub=l8 full
FULL SUBSET SEARCH INITIATED 21:46:37 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 275 TO ITERATE

100.0% PROCESSED 275 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L20 1 SEA SUB=L8 SSS FUL L18

=> d scan

L20 1 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [1-methyl-1-[(1-methylethenyl)oxy]ethyl]- (9CI)
MF C12 H16 O

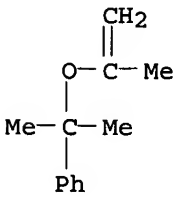


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> d

L20 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 681423-96-1 REGISTRY
ED Entered STN: 12 May 2004
CN Benzene, [1-methyl-1-[(1-methylethenyl)oxy]ethyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C12 H16 O
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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=> file caplus
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                        42.18     374.31

FILE 'CAPLUS' ENTERED AT 21:47:06 ON 19 APR 2006
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FILE COVERS 1907 - 19 Apr 2006  VOL 144 ISS 17
FILE LAST UPDATED: 18 Apr 2006  (20060418/ED)

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http://www.cas.org/infopolicy.html

=> s l20
L21           1 L20

=> d bib fhitstr

L21  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2006 ACS on STN
AN   2004:348008  CAPLUS
DN   140:358196
TI   Aromatic vinyl ether polymerizable compounds
IN   Iwahama, Takahiro; Nakano, Tatsuya
PA   Daicel Chemical Industries, Ltd., Japan
SO   Eur. Pat. Appl., 15 pp.
     CODEN: EPXXDW
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.         DATE
     ---------------     ----   --------    --------------------    --------
PI   EP 1413568           A2    20040428    EP 2003-24369           20031024
     EP 1413568           A3    20041117
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
     JP 2004161742        A2    20040610    JP 2003-280504          20030725
     US 2004181098        A1    20040916    US 2003-690527          20031023
PRAI JP 2002-311613       A     20021025
     JP 2003-280504       A     20030725
OS   MARPAT 140:358196
IT   681423-96-1P
     RL: IMF (Industrial manufacture); PREP (Preparation)
        (manufacture of aromatic vinyl ether compds.)
RN   681423-96-1  CAPLUS
CN   Benzene, [1-methyl-1-[(1-methylethenyl)oxy]ethyl]- (9CI)  (CA INDEX NAME)
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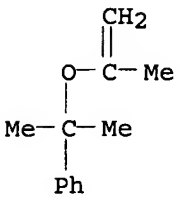

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
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STN INTERNATIONAL LOGOFF AT 21:47:52 ON 19 APR 2006